

DaVinci™ Development Tools Summary

DaVinci ARM/DSP					DaVinci DSP	
Evaluation and Development Tools					Evaluation, Development and Production Tools	
	<u>DM6446 DVEVM</u>	<u>DM6467 DVEVM</u>	<u>DM355 DVEVM</u>	<u>DM365 DVEVM</u>	<u>DM6437 DVDP</u>	<u>DM648 DVDP</u>
Hardware						
DaVinci Target Board	X	X	X	X	X	X
CPU Cores	ARM9 & C64x+	ARM9 & C64x+	ARM9	ARM9	C64x+	C64x+
20-pin JTAG Connector	X					
14-pin JTAG Connector		X	X	X	X	
20-pin ARM Connector		X	X	X		
Video Camera/LCD	X		X ¹	X ^{1,2}		
Power Supply w/UE, EU & UK Cables	X	X	X	X	X	X
Mass Storage	40 GB HDD	40GB HDD	2GB NAND Flash	2GB NAND Flash		
IR Remote Control	X	X	X	X		
On-board EMU					X	
Software						
Linux-Based DVSDK	X	X	X	X		
BONUS Production Codecs			MPEG-4 JPEG G.711	MPEG-4 JPEG G.711 H.264 MP3		
DSP/BIOS-Based DVSDK					X	X
DSP/BIOS NDK					EVAL	EVAL
SoC Analyzer	X				X	X
MontaVista Linux Pro	Demo	Demo	Demo	Demo		
Third Party software demos and Evals	GHS Multi					Ittiam
C64x™ Linux Generation Tools	EVAL	EVAL			EVAL	
Code Composer Studio IDE v3.3					H/W version	FET

¹Image sensor board available via SDI bundle

²LCD available via AvNet bundle

C2000 & C5000 EVM Boards

	LF2407A EVM	VC5502 EVM	VC5509 EVM	VC5509A PLUS EVM
Manufacturer	Spectrum Digital			
USB Embedded Emulation			X Uses Parallel Port	X
14-pin JTAG Connector	X	X	X	X
20-pin JTAG Connector				

C6000 EVM Boards

	DM642 EVM	C6418 EVM	C6424 EVM	C6474 EVM	C6455 EVM	OMAP-L137/ C6747 EVM	C6727 EVM	SFF SDR EVM
Manufacturer	Spectrum Digital						DSP Weuffen	Lyrtech
USB Embedded Emulation			X	X	X	X		
14-pin JTAG Connector	X	X	X	X	X	X	X	X
20-pin JTAG Connector								
60-pin JTAG Connector					X			
20-pin ARM Connector						X		



Kane Computing Ltd
 7 Theatre Court, London Road,
 Northwich, Cheshire, CW9 5HB, UK.
 Tel: +44(0)1606 351006
 Fax: +44(0)1606 351007/8
 Email: sales@kanecomputing.com
 Web: www.kanecomputing.co.uk